



DATE: 6/29/2018  
 Eric R. Olson, P.E. - Civil Engineer  
 Registration #: E-28164

| REV | DESCRIPTION | DATE |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |

**AVCRAD PHASE 3A ADDITION**  
 1107th THEATER AVIATION SUSTAINMENT MAINTENANCE GROUP  
 MISSOURI ARMY NATIONAL GUARD  
 GREENE COUNTY  
 SPRINGFIELD, MISSOURI  
 CONTRACT NO. T1808-01

**NATIONAL GUARD BUREAU**  
 NGB PROJECT NO. 290109

Key Plan:

Scales:

Project No.: T1808-01  
 Drawing Title:

**LEGEND AND ABBREVIATIONS**

Date: 29 JUNE 2018  
 Designed:EO  
 Drawn: RW  
 Checked: MR  
 Drawing No.: C-001  
 16 of 322

| 1 SYMBOLS |                                 | 2 ABBREVIATIONS |                                | 3 | 4 | 5 |
|-----------|---------------------------------|-----------------|--------------------------------|---|---|---|
| SYMBOL    | DESCRIPTION                     | ABBREVIATION    | DESCRIPTION                    |   |   |   |
|           | EXISTING DECIDUOUS TREE         | AGG             | AGGREGATE                      |   |   |   |
|           | EXISTING POWER POLE             | ADJ             | TO BE ADJUSTED                 |   |   |   |
|           | EXISTING GUY WIRE               | (TBR)           | TO BE REMOVED                  |   |   |   |
|           | EXISTING FIRE HYDRANT           | DO              | DOMESTIC WATER                 |   |   |   |
|           | EXISTING WATER VALVE            | FO              | FIRE WATER LINE                |   |   |   |
|           | EXISTING WATER METER            | (TYP.)          | TYPICAL                        |   |   |   |
|           | EXISTING GAS VALVE              | (TBR&R)         | TO BE REMOVED & RELOCATED      |   |   |   |
|           | EXISTING GAS METER              | TC              | TOP OF CURB                    |   |   |   |
|           | EXISTING CLEANOUT               | BC              | BOTTOM OF CURB                 |   |   |   |
|           | EXISTING MANHOLE                | FL              | FLOW LINE                      |   |   |   |
|           | EXISTING SINGLE POLE SIGN       | INV.            | INVERT                         |   |   |   |
|           | EXISTING POWER JUNCTION BOX     | F.F.            | FINISHED FLOOR                 |   |   |   |
|           | EXISTING GAS LINE               | PVC             | POLYVINYL CHLORIDE             |   |   |   |
|           | EXISTING WATER LINE             | RCP             | REINFORCED CONCRETE PIPE       |   |   |   |
|           | EXISTING OVERHEAD ELECTRIC LINE | Q               | CENTERLINE                     |   |   |   |
|           | EXISTING ELECTRIC LINE          | TH 99.99        | THROAT ELEVATION               |   |   |   |
|           | EXISTING SANITARY SEWER         | HDPE            | HIGH DENSITY POLYETHYLENE PIPE |   |   |   |
|           | EXISTING STORM SEWER            | CONC            | CONCRETE                       |   |   |   |
|           | EXISTING GUARDRAIL              |                 |                                |   |   |   |
|           | INDICATES EXISTING              |                 |                                |   |   |   |
|           | EXISTING SPOT ELEVATION         |                 |                                |   |   |   |
|           | EXISTING CONTOUR                |                 |                                |   |   |   |
|           | EXISTING BORING LOCATION        |                 |                                |   |   |   |
|           | PROPOSED SWALE                  |                 |                                |   |   |   |
|           | PROPOSED STORM SEWER < 18"      |                 |                                |   |   |   |
|           | PROPOSED STORM SEWER > 18"      |                 |                                |   |   |   |
|           | PROPOSED STORM MANHOLE          |                 |                                |   |   |   |
|           | PROPOSED AREA INLET             |                 |                                |   |   |   |
|           | PROPOSED CURB INLET             |                 |                                |   |   |   |
|           | PROPOSED END OF PIPE            |                 |                                |   |   |   |
|           | PROPOSED FLARED END SECTION     |                 |                                |   |   |   |
|           | PROPOSED END SECTION            |                 |                                |   |   |   |
|           | PROPOSED STORM MANHOLE          |                 |                                |   |   |   |
|           | PROPOSED STORM INLET            |                 |                                |   |   |   |
|           | PROPOSED FLARED END SECTION     |                 |                                |   |   |   |
|           | PROPOSED CLEANOUT               |                 |                                |   |   |   |
|           | PROPOSED SANITARY SEWER         |                 |                                |   |   |   |
|           | PROPOSED SANITARY MANHOLE       |                 |                                |   |   |   |
|           | PROPOSED WATER LINE             |                 |                                |   |   |   |
|           | PROPOSED FIRE HYDRANT           |                 |                                |   |   |   |
|           | PROPOSED WATER VALVE            |                 |                                |   |   |   |
|           | PROPOSED ELECTRIC LINE          |                 |                                |   |   |   |
|           | PROPOSED CONTOUR                |                 |                                |   |   |   |
|           | PROPOSED SPOT ELEVATION         |                 |                                |   |   |   |
|           | PROPOSED LIGHT STANDARD         |                 |                                |   |   |   |
|           | PROPOSED POWER POLE             |                 |                                |   |   |   |

